

<!--StartFragment-->RESULT 4

US-10-555-073-33

; Sequence 33, Application US/10555073

; GENERAL INFORMATION:

; APPLICANT: BC CANCER AGENCY

; TITLE OF INVENTION: SARS VIRUS NUCLEOTIDE AND AMINO ACID SEQUENCES AND USES THEREOF

; FILE REFERENCE: 82936-7

; CURRENT APPLICATION NUMBER: US/10/555,073

; CURRENT FILING DATE: 2005-10-28

; NUMBER OF SEQ ID NOS: 206

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 33

; LENGTH: 1255

; TYPE: PRT

; ORGANISM: Severe acute respiratory syndrome virus

US-10-555-073-33

US2007/0258999

Query Match 100.0%; Score 6632; DB 35; Length 1255;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1255; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MFIFLLFLTLTSGSDLDRCTTFDDVQAPNYTQHTSSMRGVYYPDEIFRSDTLYLTDQLFL 60
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Db      1 MFIFLLFLTLTSGSDLDRCTTFDDVQAPNYTQHTSSMRGVYYPDEIFRSDTLYLTDQLFL 60

Qy     61 PFYSNVTGFHTINHTFGNPVVPFKDGIYFAATEKSNVVRGWVFGSTMNNKSQSVIIINNS 120
      |||
Db     61 PFYSNVTGFHTINHTFGNPVVPFKDGIYFAATEKSNVVRGWVFGSTMNNKSQSVIIINNS 120

Qy    121 TNVVIRACNFELCDNPFFAVSKPMGTQHTMIFDNAFNCTFEYISDAFSLDVSEKSGNFK 180
      |||
Db    121 TNVVIRACNFELCDNPFFAVSKPMGTQHTMIFDNAFNCTFEYISDAFSLDVSEKSGNFK 180

Qy    181 HLREFVFKNDGFLYVYKGYQPIDVVRDLPSGFNTLKPFIKPLGINITNFRAILTAFSP 240
      |||
Db    181 HLREFVFKNDGFLYVYKGYQPIDVVRDLPSGFNTLKPFIKPLGINITNFRAILTAFSP 240

Qy    241 AQDIWGTSAAAYFVGYLKPTTFMLKYDENGITDAVDCSQNPLAELKCSVKSFEDKGIY 300
      |||
Db    241 AQDIWGTSAAAYFVGYLKPTTFMLKYDENGITDAVDCSQNPLAELKCSVKSFEDKGIY 300

Qy    301 QTSNFRVVPDGVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLYNSTF 360
      |||
Db    301 QTSNFRVVPDGVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLYNSTF 360

Qy    361 FSTFKCYGVSATKLNLDLCSNVYADS FVVKGDVVRQIAPGQTGVIADYNYKL PDDFMGCV 420
      |||
Db    361 FSTFKCYGVSATKLNLDLCSNVYADS FVVKGDVVRQIAPGQTGVIADYNYKL PDDFMGCV 420

Qy    421 LAWNTRNIDATSTGNYNKYRYLRHGKLRPFERDISNVPFSPDGKPTPPALNCYWPLND 480
      |||
Db    421 LAWNTRNIDATSTGNYNKYRYLRHGKLRPFERDISNVPFSPDGKPTPPALNCYWPLND 480

Qy    481 YGFYTTTGIGYQPYRVVLSFELLNAPATVCGPKLSTD LKNQCVNFNFNGLTGTGVLTTP 540
      |||
Db    481 YGFYTTTGIGYQPYRVVLSFELLNAPATVCGPKLSTD LKNQCVNFNFNGLTGTGVLTTP 540

Qy    541 SSKRFQPFQFGRDVSDFDTSVRDPKTSEILDISPCAFGGVSVITPGTNASSEVAVLYQD 600
      |||
Db    541 SSKRFQPFQFGRDVSDFDTSVRDPKTSEILDISPCAFGGVSVITPGTNASSEVAVLYQD 600

Qy    601 VNCTDVSTAIHADQLTPAWRIYSTGNNVFQTQAGCLIGAHEVDTSYECDIPIGAGICASY 660
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Db 601 VNCTDVSTAIHADQLTPAWRIYSTGNNVFQQTQAGCLIGAETHVDTSECDIPIGAGICASY 660

Qy 661 HTVSLLRSTSQKSIVAYTMSLGADSSIAYSNNTIAIPTNFSISITTEVMPVSMAKTSVDC 720
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Db 661 HTVSLLRSTSQKSIVAYTMSLGADSSIAYSNNTIAIPTNFSISITTEVMPVSMAKTSVDC 720

Qy 721 NMYICGDSTECANLLLQYGSFCTQLNRALSGIAAEQDRNTRVFAQVKQMYKTPTLKYFG 780
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Db 721 NMYICGDSTECANLLLQYGSFCTQLNRALSGIAAEQDRNTRVFAQVKQMYKTPTLKYFG 780

Qy 781 GFNFSQILPDPLKPTKRSFIEDLLFNKVTLADAGFMKQYGECLGDINARDLICAQKFNGL 840
|||||

Db 781 GFNFSQILPDPLKPTKRSFIEDLLFNKVTLADAGFMKQYGECLGDINARDLICAQKFNGL 840

Qy 841 TVLPPLLTDMDIAAYTAALVSGTATAGWTFGAGAALQIPFAMQMAYRFNGIGVTQNVLYE 900
|||||

Db 841 TVLPPLLTDMDIAAYTAALVSGTATAGWTFGAGAALQIPFAMQMAYRFNGIGVTQNVLYE 900

Qy 901 NQKQIANQFNKAISQIQESLTTTSTALGKLQDVVNQNAQALNTLVKQLSSNFGAISSVLN 960
|||||

Db 901 NQKQIANQFNKAISQIQESLTTTSTALGKLQDVVNQNAQALNTLVKQLSSNFGAISSVLN 960

Qy 961 DILSRDKVEAEVQIDRLITGRLQSLQTYVTQQLIRAAEIRASANLAATKMSECVLGQSK 1020
|||||

Db 961 DILSRDKVEAEVQIDRLITGRLQSLQTYVTQQLIRAAEIRASANLAATKMSECVLGQSK 1020

Qy 1021 RVDFCGKGYHLMSFPQAAPHGVVFLHVTYVPSQERNFTTAPAICHEGKAYFPREGVFVFN 1080
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Db 1021 RVDFCGKGYHLMSFPQAAPHGVVFLHVTYVPSQERNFTTAPAICHEGKAYFPREGVFVFN 1080

Qy 1081 GTSWFITQRNFFSPQIITTDNTFVSGNCDVVIGIINNTVYDPLQPELDSFKEELDKYFKN 1140
|||||

Db 1081 GTSWFITQRNFFSPQIITTDNTFVSGNCDVVIGIINNTVYDPLQPELDSFKEELDKYFKN 1140

Qy 1141 HTSPDVDLGDISGINASVVNIQKEIDRLNEVAKNLNESLIDLQELGKYEQYIKWPWYVWL 1200
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Db 1141 HTSPDVDLGDISGINASVVNIQKEIDRLNEVAKNLNESLIDLQELGKYEQYIKWPWYVWL 1200

Qy 1201 GFIAGLIAIVMTILLCCMTSCCSCLKGACSCGSCCKFDEDDSEPVKGVKLHYT 1255
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Db 1201 GFIAGLIAIVMTILLCCMTSCCSCLKGACSCGSCCKFDEDDSEPVKGVKLHYT 1255

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